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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

Application Number	10/073,625
Filing Date	February 11, 200
First Named Inventor	LAKOWICZ
Group Art Unit	11645
Examiner Name	Not Assigned
Attorney Docket Number	UJMARY1

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Arun Kr. Chakrabarti

Date
Considered

1/29/03

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Sheet 1 of

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Sheet 2 of 2

<i>Complete If Known</i>	
Application Number	10/073,625 RECEIVED
Filing Date	February 11, 2002
First Named Inventor	LAKOWICZ, J. R. OCT 0 2002
Group Art Unit	1624
Examiner Name	Not Assigned TECH CENTER 1600/2900
Attorney Docket Number	UMARY1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Signature**

From Mr. Chakrabarti

Date Considered

1/29/03

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PTO/SB/08B (10-96)

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number Filing Date First Named Inventor Lakowicz Group Art Unit Examiner Name Attorney Docket Number UMARY1
Sheet	1	of	3	



OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Code No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, paper(s), volume-issue number(s), publisher, city and/or country where published.	T ³
AC	AA	G.W. FORD AND W.H. WEBER, Electromagnetic Interactions of Molecules With Metal Surfaces, Physics Reports (Review Section of Physics Letters), April 1984, 113, No. 4 195-287, North Holland, Amsterdam	
	AB	JINGYUE JU, ALEXANDER N. GLAZER, AND RICHARD MATHIES, Energy Transfer Primers: A New Fluorescence Labeling Paradigm for DNA Sequencing and Analysis, Nature Medicine, February 1996, Volume 2, Number 2	
	AC	LARRY B. MORRISON AND LUCY M. STOLS, Sensitive Fluorescence-Based Thermodynamic and Kinetic Measurements of DNA Hybridization in Solution, Biochemistry, 1993, 32, 3095-3104, American Chemical Society	
	AD	R.R. CHANCE, A. PROCK AND R. SILBEY, Molecular Fluorescence and Energy Transfer Near Interfaces , Adv. Chem. Phys., 1978, 37, 1-65	
	AE	G.W. FORD AND W.H. WEBER, Electromagnetic Interactions of Molecules With Metal Surfaces, Physics Reports (Review Section of Physics Letters), April 1984, 113, No. 4 195-287, North-Holland, Physics Publishing-Amsterdam	
	AF	THOMAS SCHALKHAMMER, FRANZ R. AUSSENEGG, ALFRED LEITNER, HARALD BRUNNER, GERHARD HAWA, CHRISTINA LOBMAIER, AND FRITZ PITTLER, Detection of Fluorophore-Labelled Antibodies By Surface-Enhanced Fluorescence On Metal Nanoislands, SPIE, 1997, Vol. 2976, 129-136	
	AG	JENS-PETER KNEMEYER, NICOLE MARME AND MARKUS SAUER, Probes for Detection of Specific DNA Sequences at the Single-Molecule Level, Analytical Chemistry, August 15, 2000, Vol. 72, 3717-3724, No. 16	
	AH	ALAN VAN ORDEN, NICHOLAS P. MACHARA, PETER M. GOODWIN, AND RICHARD A. KELLER, Single-Molecule Identification in Flowing Sample Streams by Fluorescence Burst Size and Intraburst Fluorescence Decay Rate, April 1, 1998, Vol. 70, 1444-1451, No. 7, American Chemical Society	
	AI	S. TAMIL SELVAN, TOMOKATSU HAYAKAWA, AND MASAYUKI NOGAMI, Remarkable Influence of Silver Islands on the Enhancement of Fluorescence from Eu ³⁺ Ion-Doped Silica Gels, J. Phys. Chem. B, 1999, 103, 7064-7067	
AC	AJ	W.L. BARNES, Fluorescence Near Interfaces: The Role of Photonic Mode Density, Journal of Modern Optics, 1998, Vol. 45, No. 4, 661-699, Taylor & Francis Ltd.	
AC	AK	REGINA PLESSOW, ANDREAS BROCKHINKE, WOLFGANG EIMER, AND KATHARINA KOHSE-HÖINGHAUS, Intrinsic Time- and Wavelength-Resolved Fluorescence of Oligonucleotides: A Systematic Investigation Using a Novel Picosecond Laser Approach, J. Phys. Chem. B 2000, 104, 3695, American Chemical Society	

Examiner Signature	Arum Kro. Chakrabarti	Date Considered	1/29/03
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Sheet 2 of 3

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First Named Inventor Lakowicz

Group Art Unit

Examiner Name

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Examiner Initials ¹	Code No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, paper(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AC	BA	J. KÜMMERLEN, A. LEITNER, H. BRUNNER, F. R. AUSSENEGGER, AND A. WOKAUN, Enhanced Dye Fluorescence Over Silver Island Films: Analysis of the Distance Dependence, Molecular Physics, 1993, Vol. 80, No. 5, 1031-1046, Taylor & Francis Ltd.	
	BB	A. WOKAUN, H.-P. LUTZ, A.P. KING, U.P. WILD, AND R.R. ERNST, Energy Transfer in Surface Enhanced Luminescence, J. Chem. Phys., 1 July 1983, 79(1), 509-514, American Institute of Physics	
	BC	X. M. HUA, J. I. GERSTEN, AND A. NITZAN, Theory of Energy Transfer Between Molecules Near Solid State Particles, J. Chem. Phys., 1 October 1985, 83(7), 3650-3658, American Institute of Physics	
	BD	J. P. BALLINI, P. VIGNY, AND M. DANIELS, Synchrotron Excitation of DNA Fluorescence Decay Time Evidence for Excimer Emission at Room Temperature, Biophysical Chemistry, 1983, 18, 61-65, Elsevier Science Publishers B.V.	
	BE	S. GEORGHIU, THOMAS M. NORLUND, AND A. M. SAIM, Picosecond Fluorescence Decay Time Measurements of Nucleic Acids at Room Temperature in Aqueous Solution, Photochemistry and Photobiology, 1985, Vol. 41, No. 2, 209-212, Pergamon Press Ltd., Great Britain	
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	BG	JOEL GERSTEN AND ABRAHAM NITZAN, Spectroscopic Properties of Molecules Interacting with Small Dielectric Particles, J. Chem. Phys., 1 August 1981, 75(3), 1139-1152, American Institute of Physics	
	BH	JOEL I. GERSTEN AND ABRAHAM NITZAN, Accelerated Energy Transfer Between Molecules Near a Solid Particle, Chemical Physics Letters, 27 January 1984, Vol. 104, Number 1, 31-37, Elsevier Science Publishers B.V.	
	BI	JOEL I. GERSTEN and ABRAHAM NITZAN, Photophysics and Photochemistry Near Surfaces and Small Particles, Surface Science, 1985, 158, 165-189, North Holland, Amsterdam	
↓	BJ	R.R. SINGER, A. LEITNER, AND F. R. AUSSENEGGER, Structure Analysis and Models for Optical Constants of Dicontinuous Metallic Silver Films, J. Opt. Soc. Am. B., February 1995, Vol. 12, No. 2, Optical Society of America	
AC	BK	CLAUDIA TURRO, STEPHAN H. BOSSMAN, YONCHU JENKINS, JACQUELINE K. BARTON, AND NICHOLAS J. TURRO, Proton Transfer Quenching of the MLCT Excited State of Ru(phen)2dppz2+ in Homogeneous Solution Bound to DNA, J. Am. Chem. Soc., 1995, 117, 9026-9032, American Chemical Society	

Examiner Signature

Arun Kr. Chakrabarti

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Sheet | 3 | of | 3 |

Application Number:

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First Named Inventor Lakowicz

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Ae	CA	MILTON KERKER, The Optics of Colloidal Silver: Something Old and Something New, Journal of Colloid and Interface Science, June 1985, Vol. 105, No. 2, Academic Press	
	CD	JOSEPH R. LAKOWICZ, BEN SHEN, ZYGMUNT GRYCZYNSKI, SABATO D'AURIA, AND IGNACY GRYCZYNSKI, Intrinsic Fluorescence from DNA Can Be Enhanced by Metallic Particles, Biochemical and Biophysical Research Communications, 2001, 286, Academic Press	
	CE	A. M. GLASS, P. F. LIAO, J. G. BERGMAN AND D. H. OLSON, Interaction of Metal Particles with Adsorbed Dye Molecules: Absorption and Luminescence, Optics Letters, September 1980, Vol. 5, No. 9, 368-370, Optical Society of America	
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	CG	A. LEITNER, M. E. LIPPITSCH, S. DRAXLER, M. RIEGLER, AND F. R. AUSSENNEGG, Fluorescence Properties of Dyes Adsorbed to Silver Islands, Investigated by Picosecond Techniques, Applied Physics B, 1985, 36, 105-109, Springer-Verlag	
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	CJ	ROBERT E. BENNER, RALF DORNHAUS, AND RICHARD K. CHANG, Angular Emission Profiles of Dye Molecules Excited by Surface Plasmon Waves at a Metal Surface, Optics Communications, 1979, Vol. 30, No. 2,	
	CK	KONSTANTIN SOKOLOV, GEORGE CHUMANOV, AND THERESE M. COTTON, Enhancement of Molecular Fluorescence Near the Surface of Colloidal Metal Films, Analytical Chemistry, September 15, 1998, Vol. 70, No. 18, 3898-3905, American Chemical Society	
Ac	CL	ALAN VAN ORDEN, NICHOLAS P. MACHARA, PETER M. GOODWIN, AND RICHARD A. KELLER, Single-Molecule Identification in Flowing Sample Streams by Fluorescence Burst Size and Intraburst Fluorescence Decay Rate, Analytical Chemistry, April 1, 1998, Vol. 70, No. 7, 1444-1451, American Chemical Society	

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